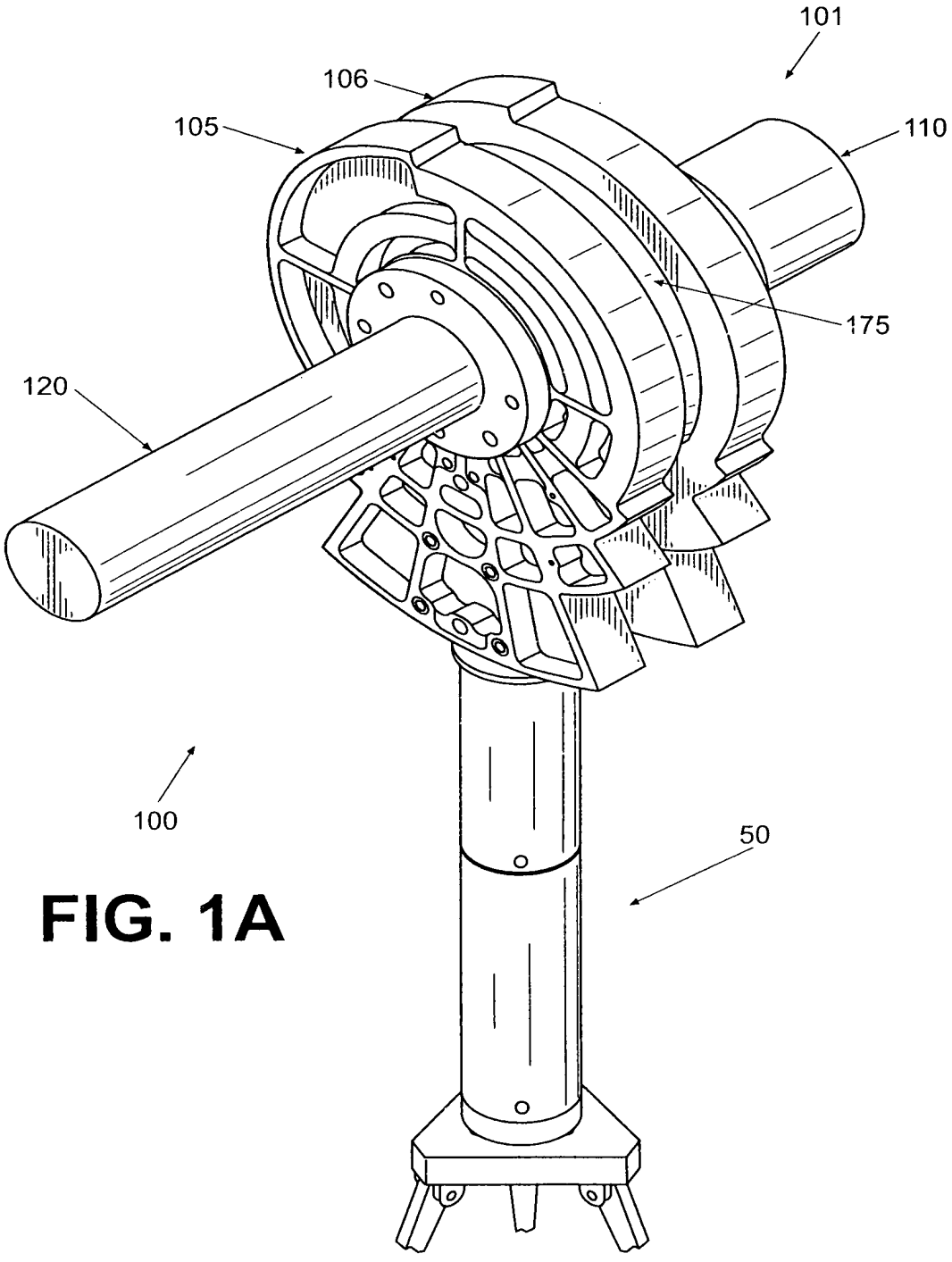

FIG. 1A

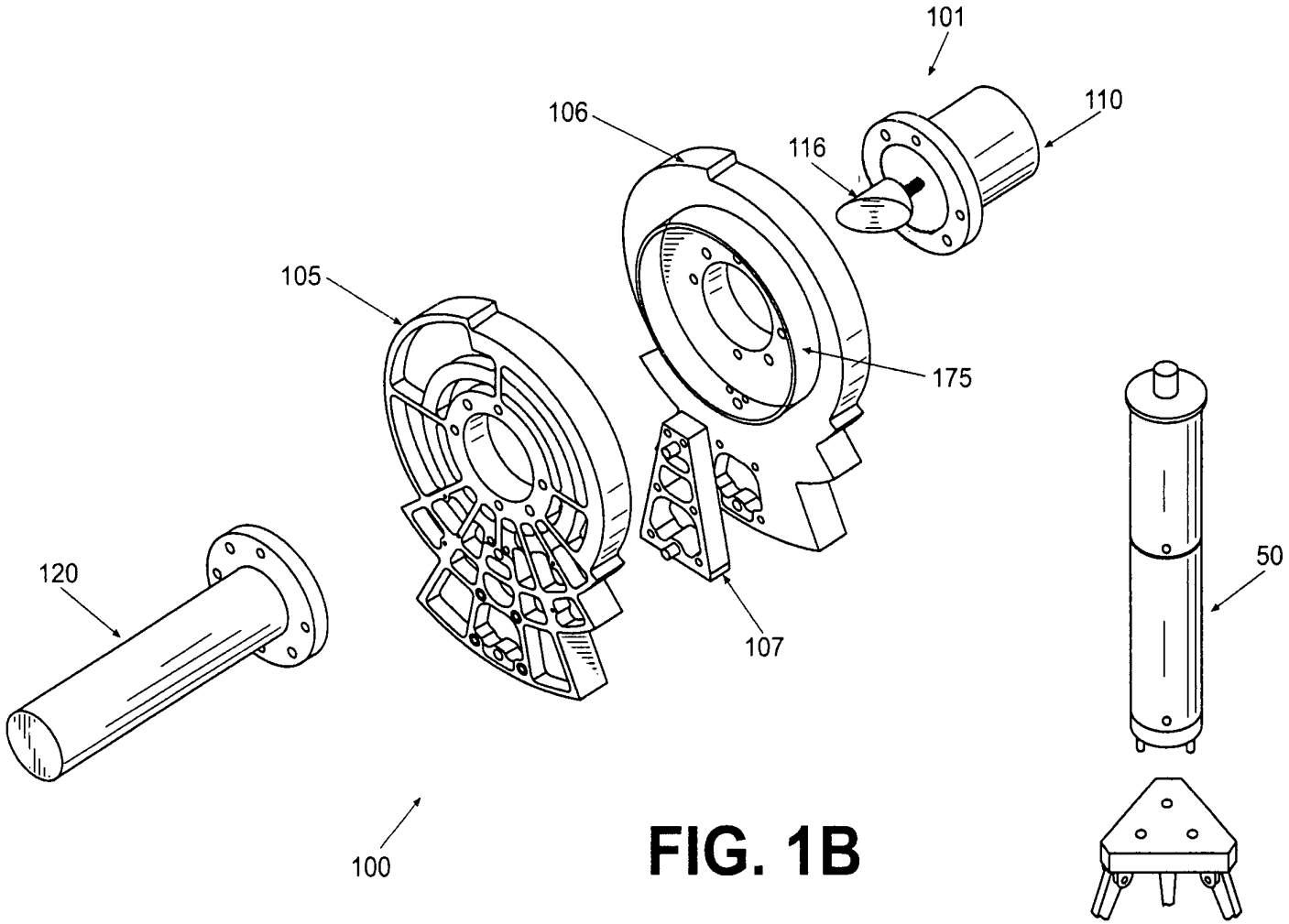

FIG. 1B

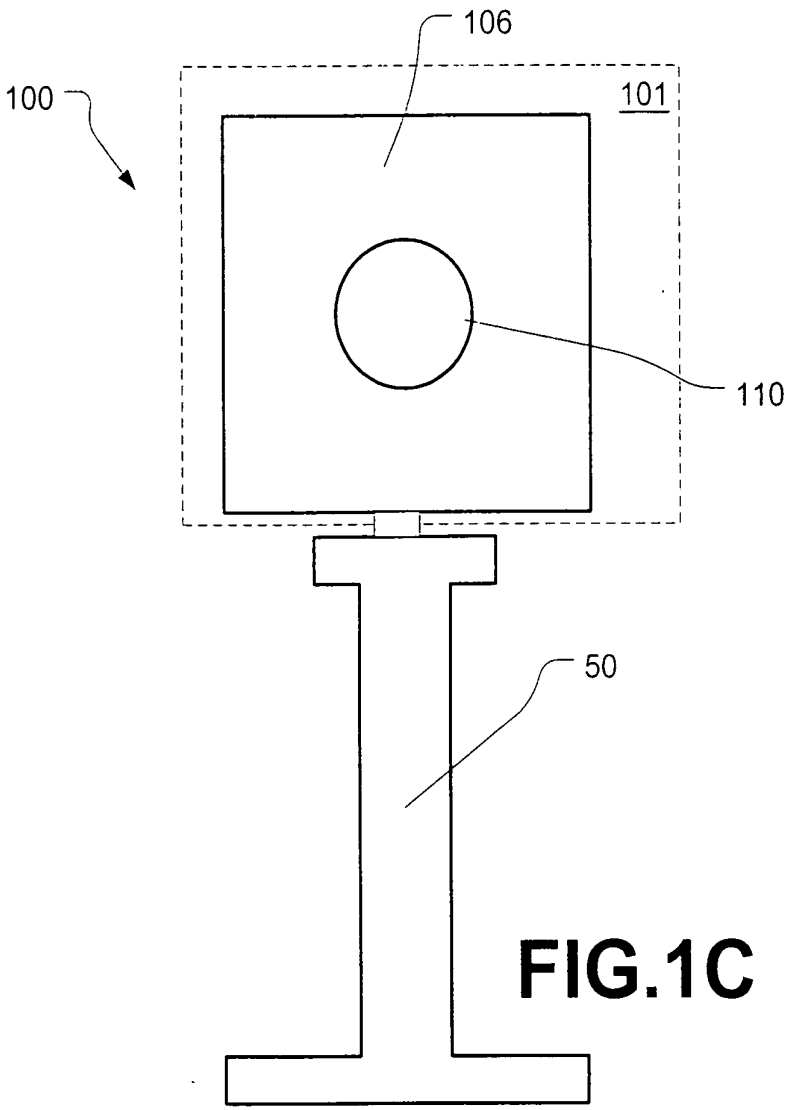

FIG.1C

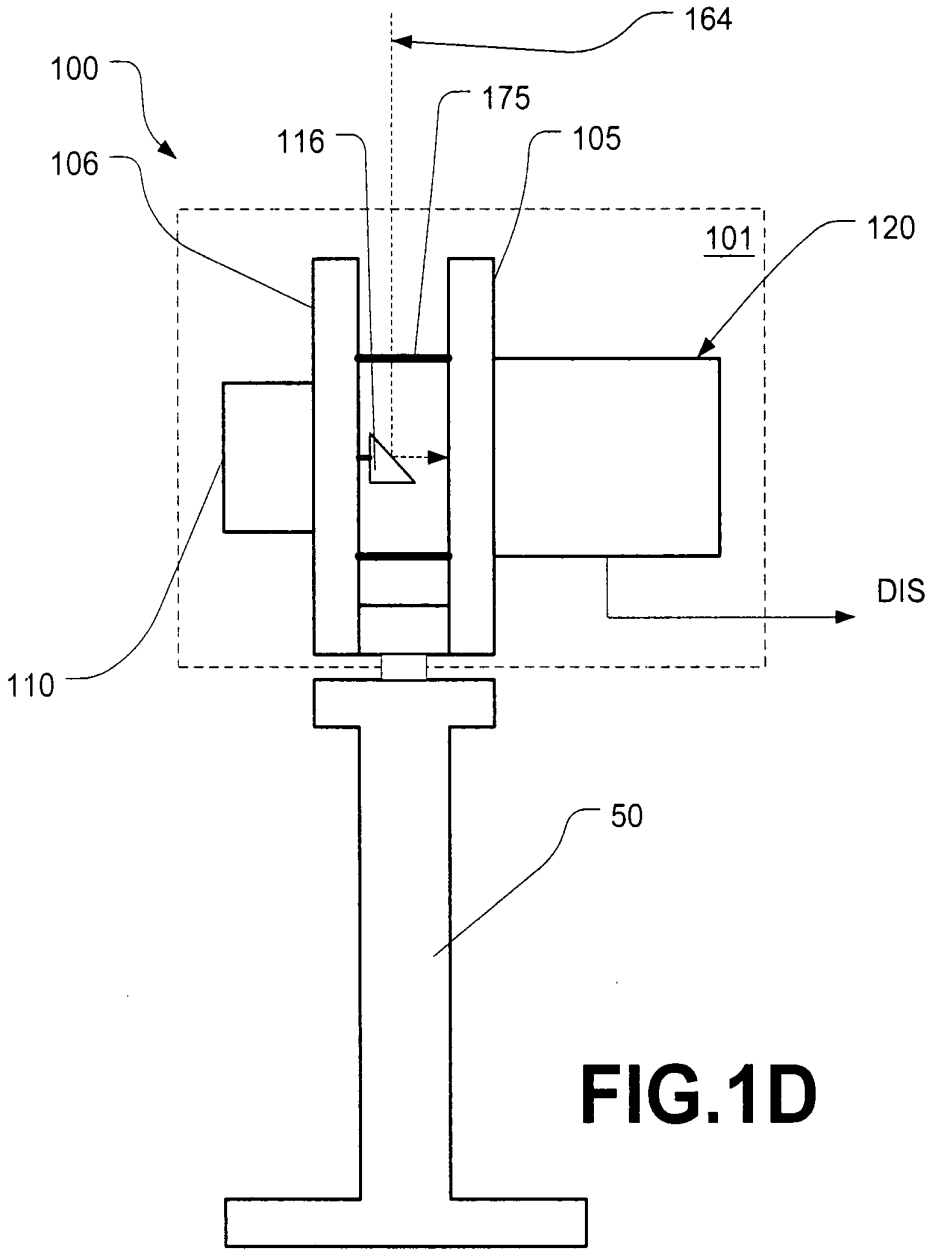

FIG.1D

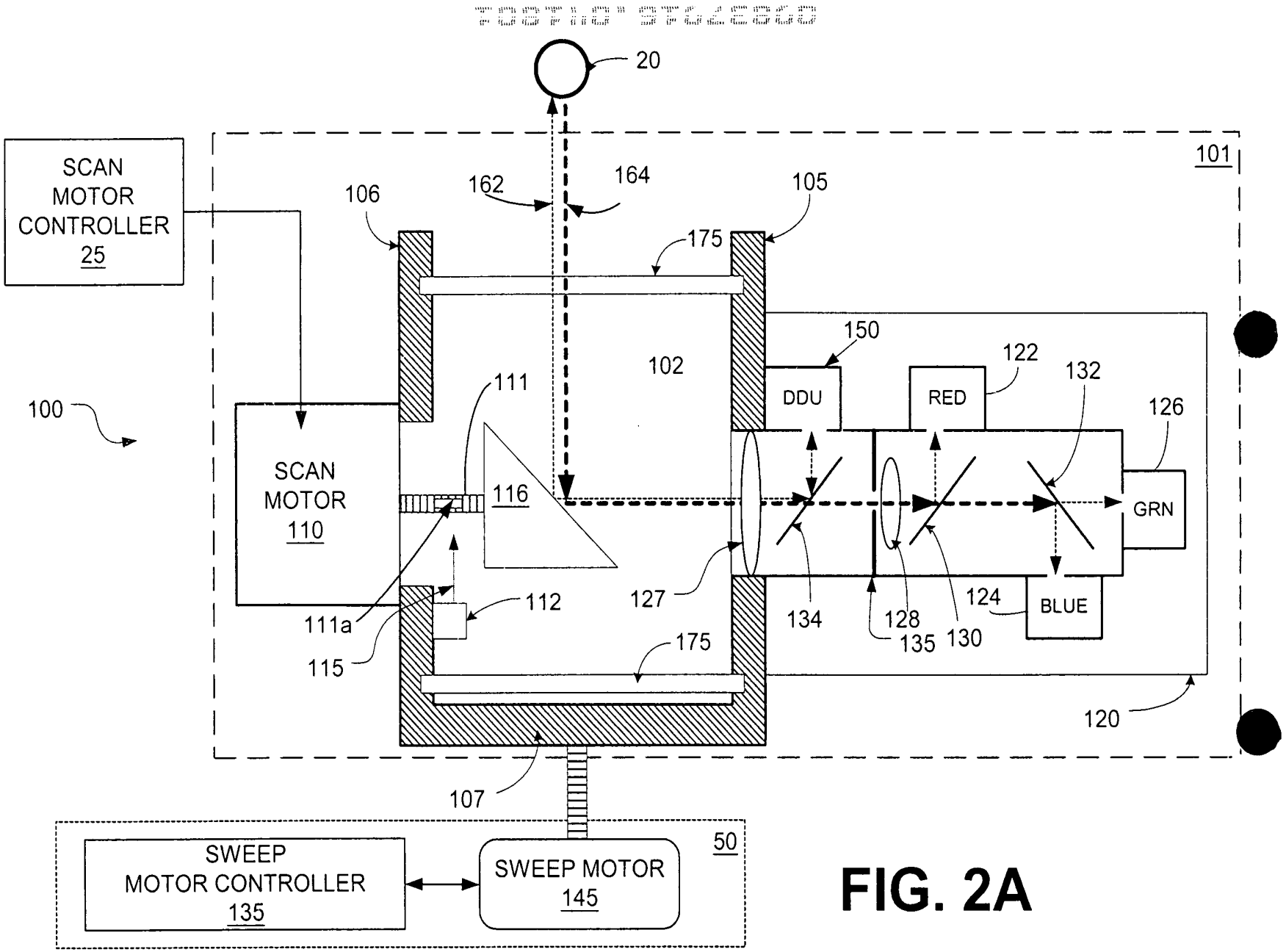
20
SCAN MOTOR CONTROLLER 25
101
106
162
164
105
175
150
102
122
132
DDU
RED
126
100
111
SCAN MOTOR 110
116
GRN
112
127
134
128
124
BLUE
111a
115
135
130
175
120
107
50
SWEEP MOTOR CONTROLLER 135
SWEEP MOTOR 145

FIG. 2A

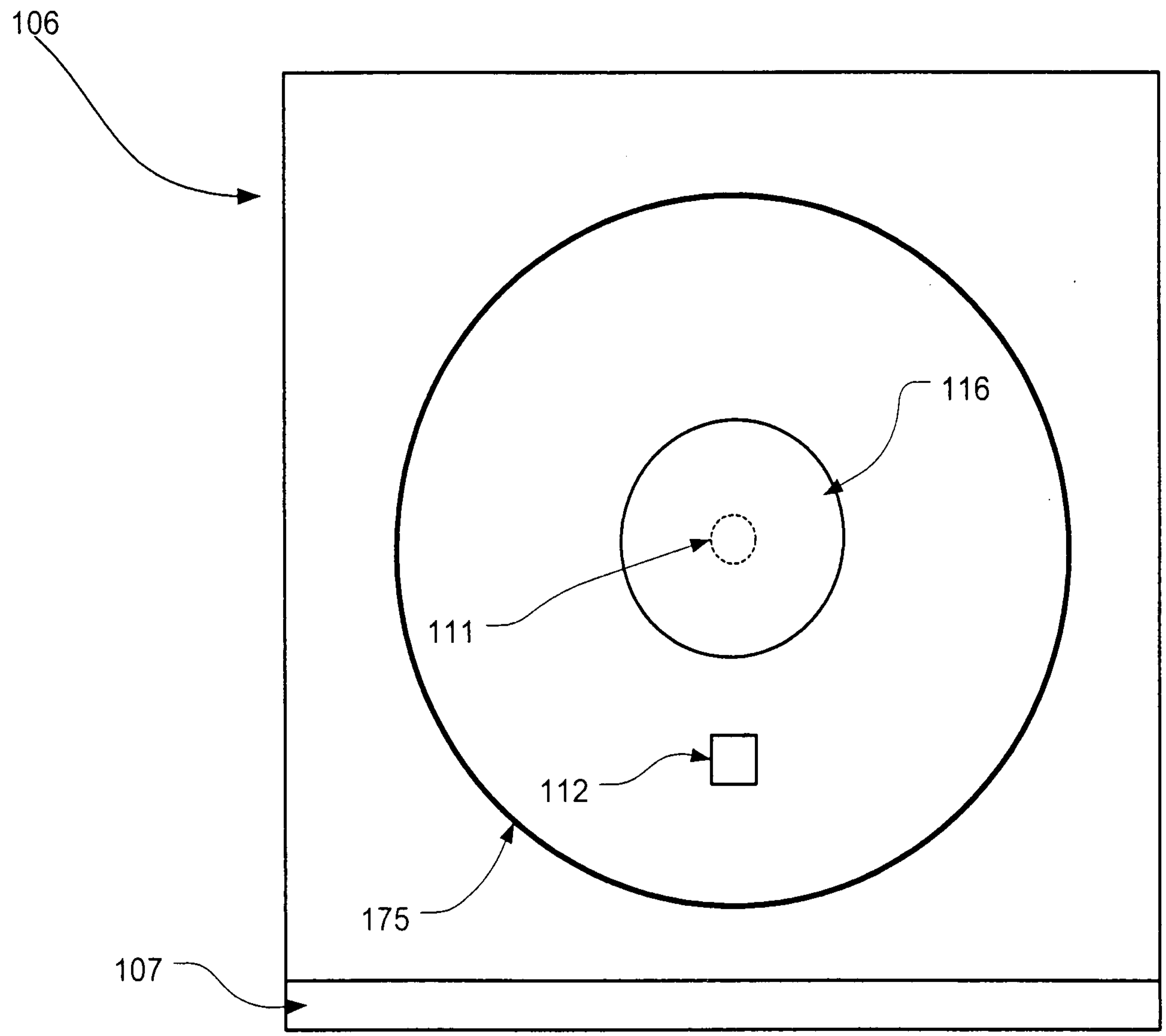

FIG. 2B

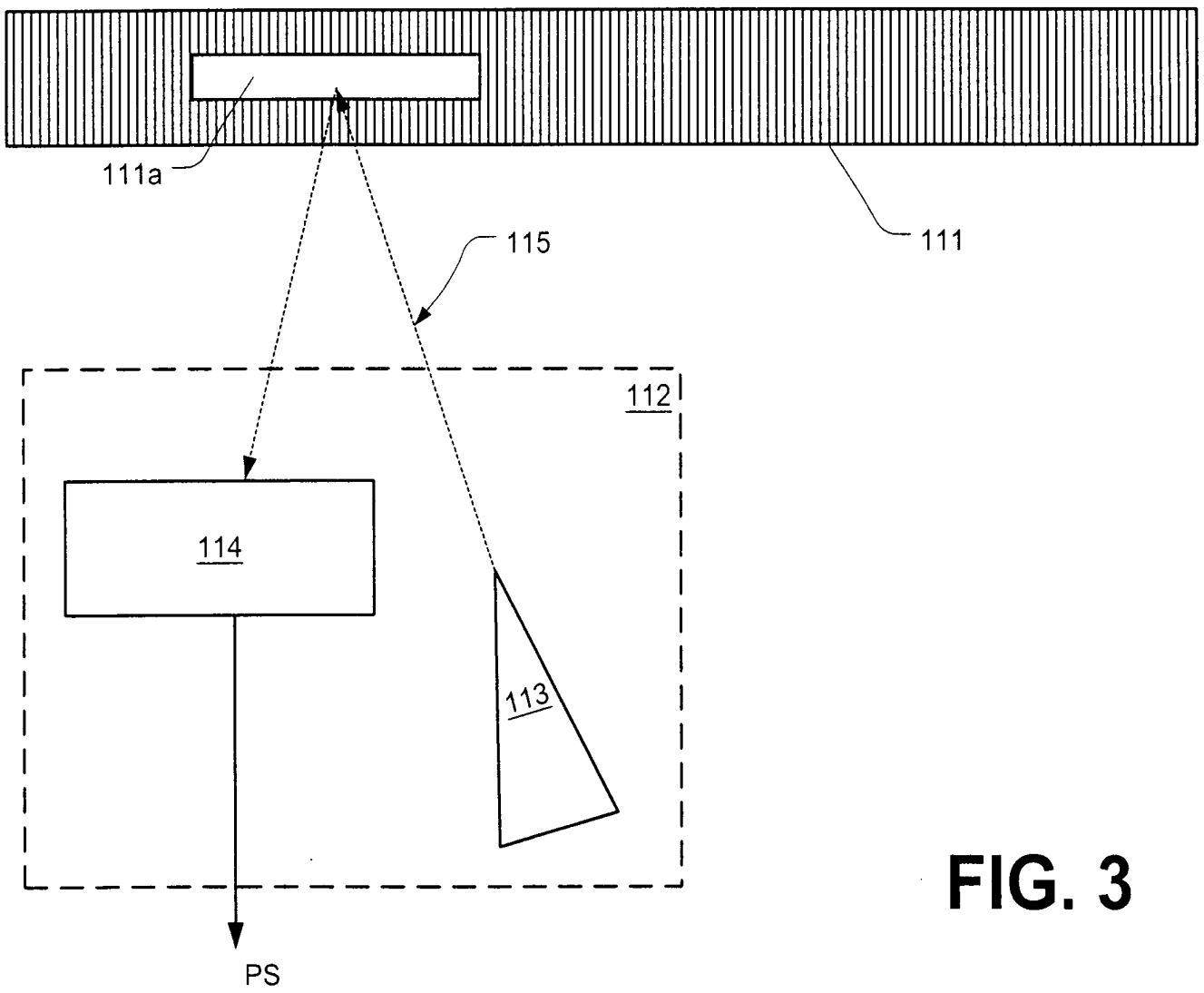

FIG. 3

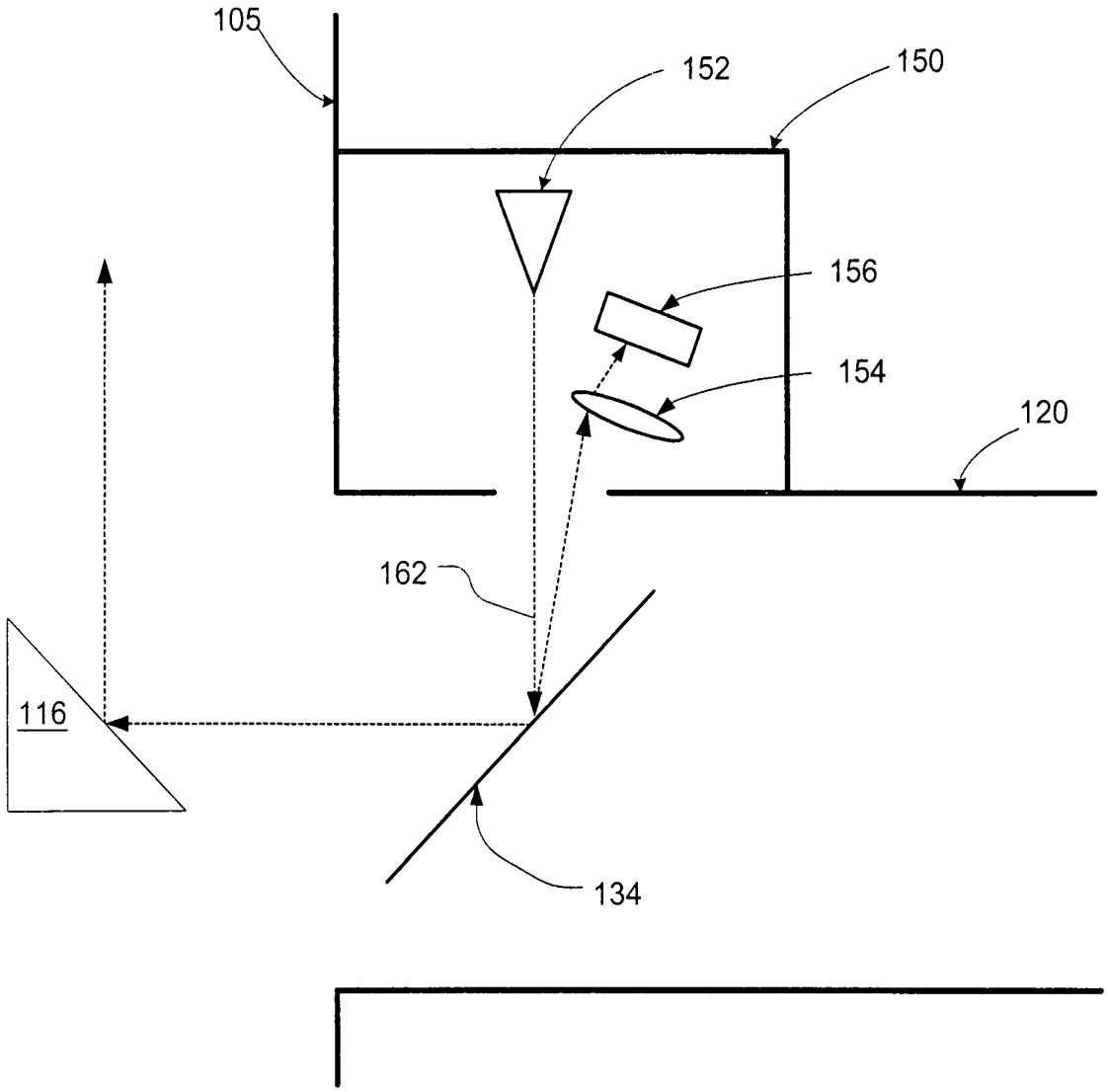

FIG. 4A

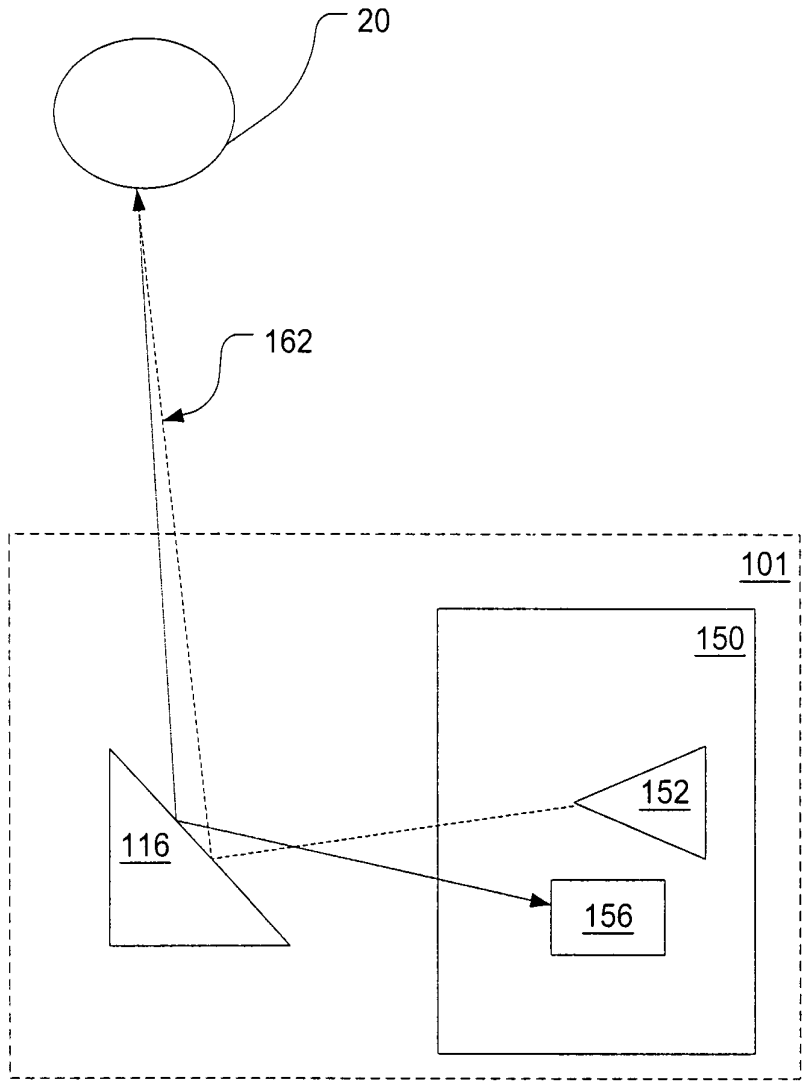

FIG. 4B

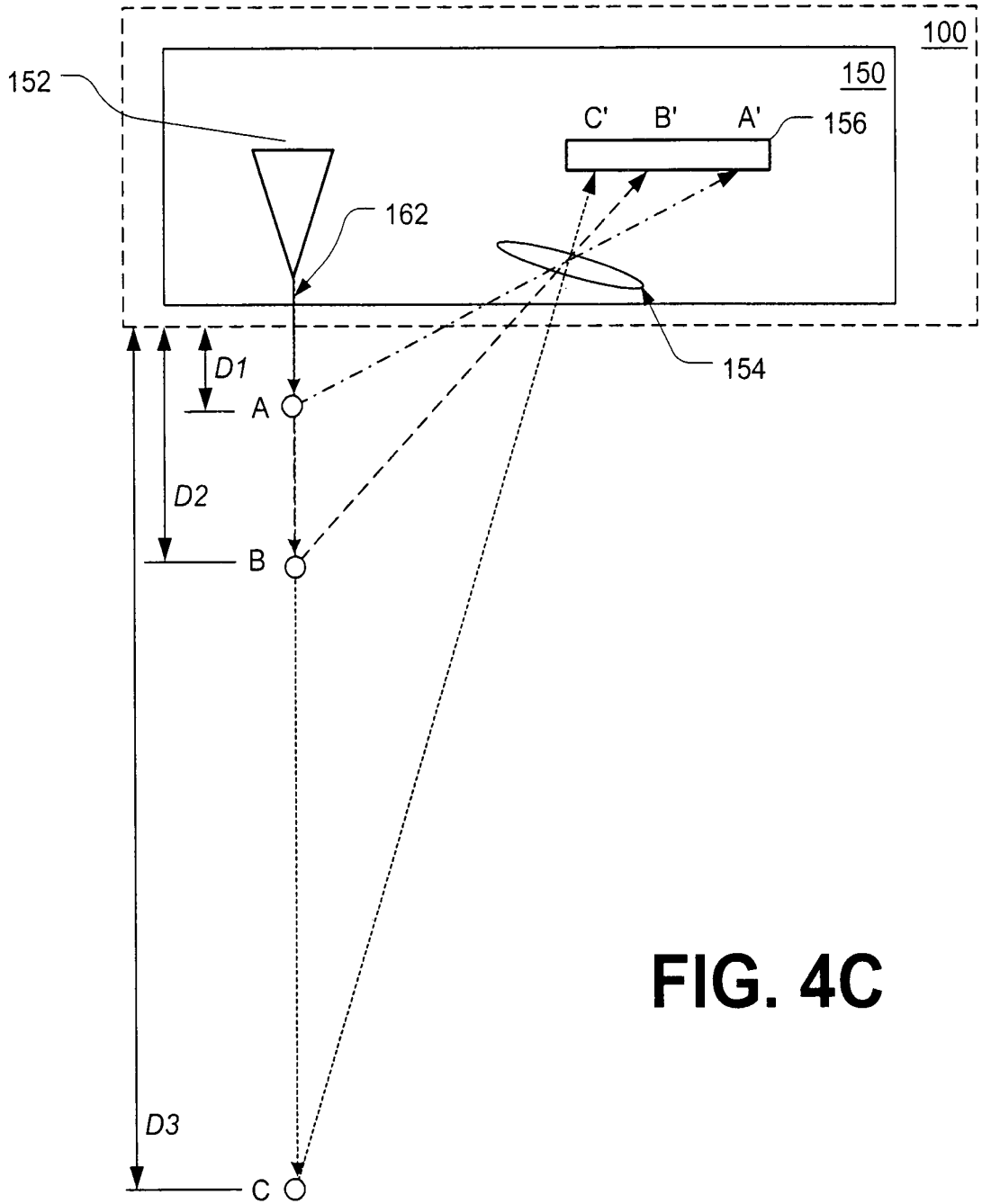

FIG. 4C

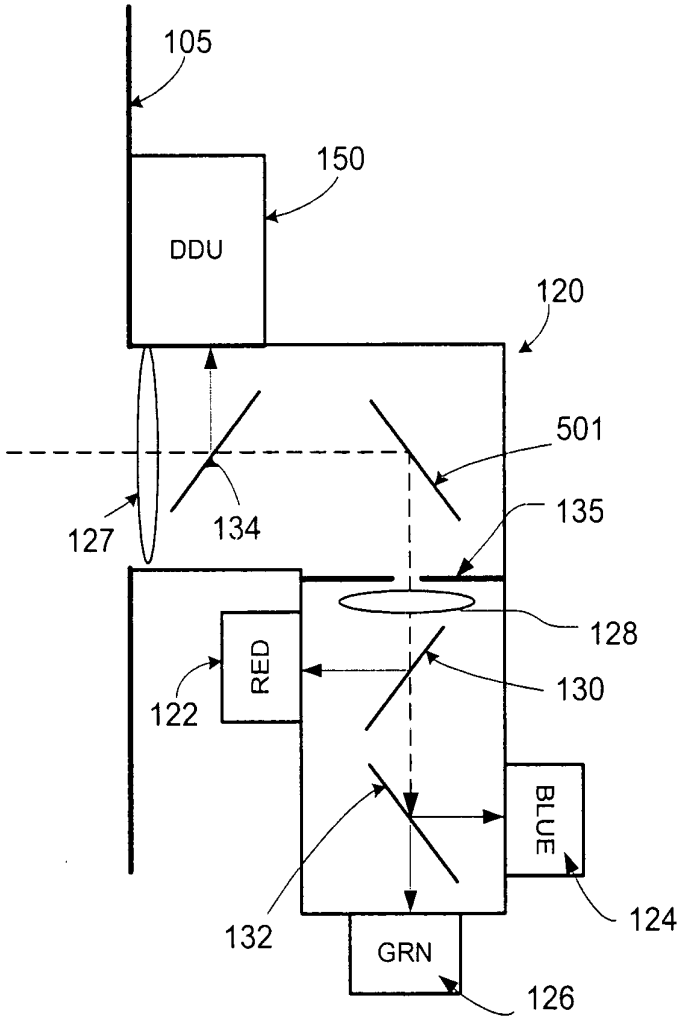

FIG. 5

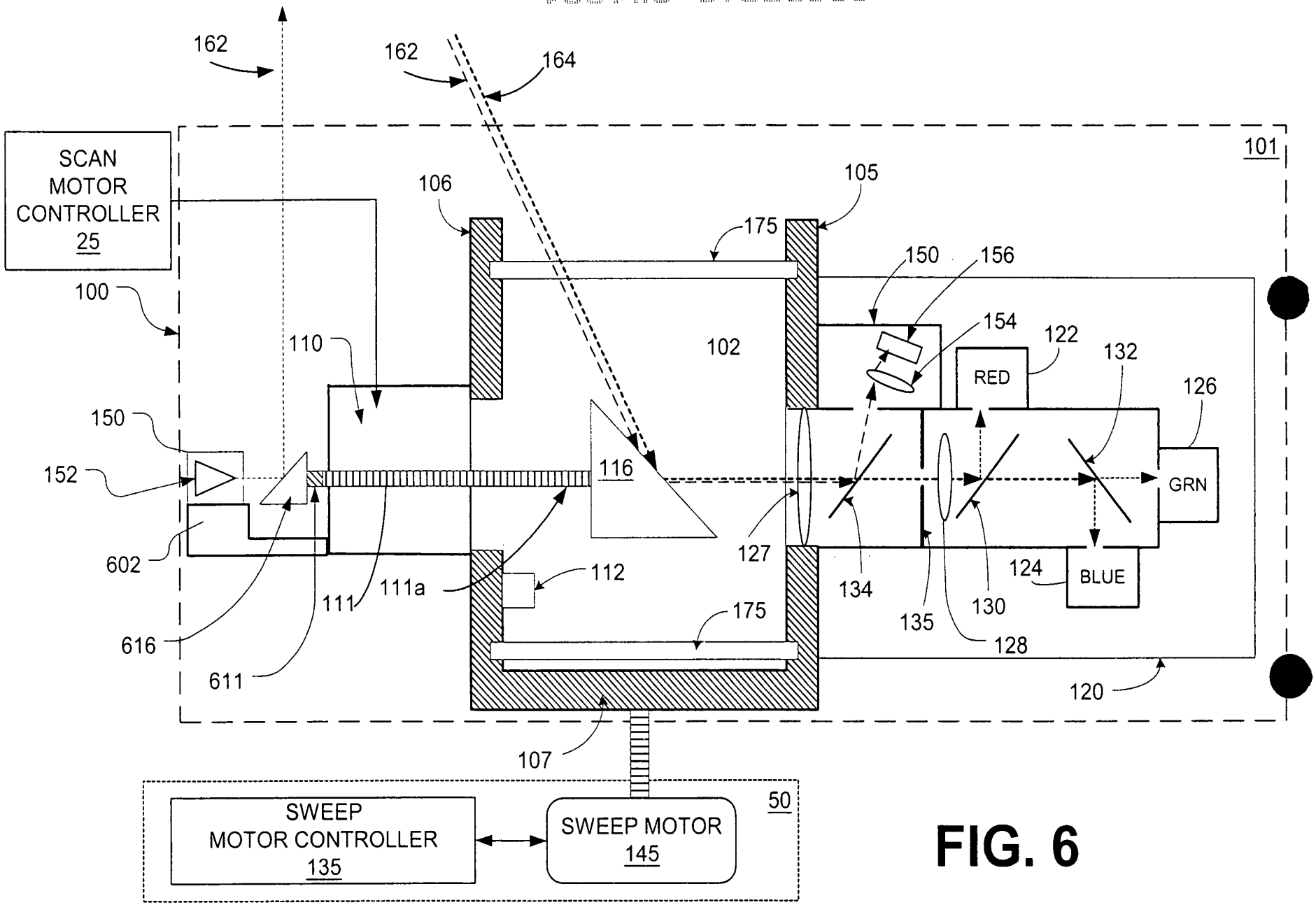
SCAN
MOTOR
CONTROLLER
25
162
162
164
101
106
105
175
150
156
100
154
122
110
102
RED
132
126
150
152
116
GRN
602
127
112
124
BLUE
111
111a
175
134
135
130
616
128
611
120
107
50
SWEEP
MOTOR CONTROLLER
135
SWEEP MOTOR
145

FIG. 6

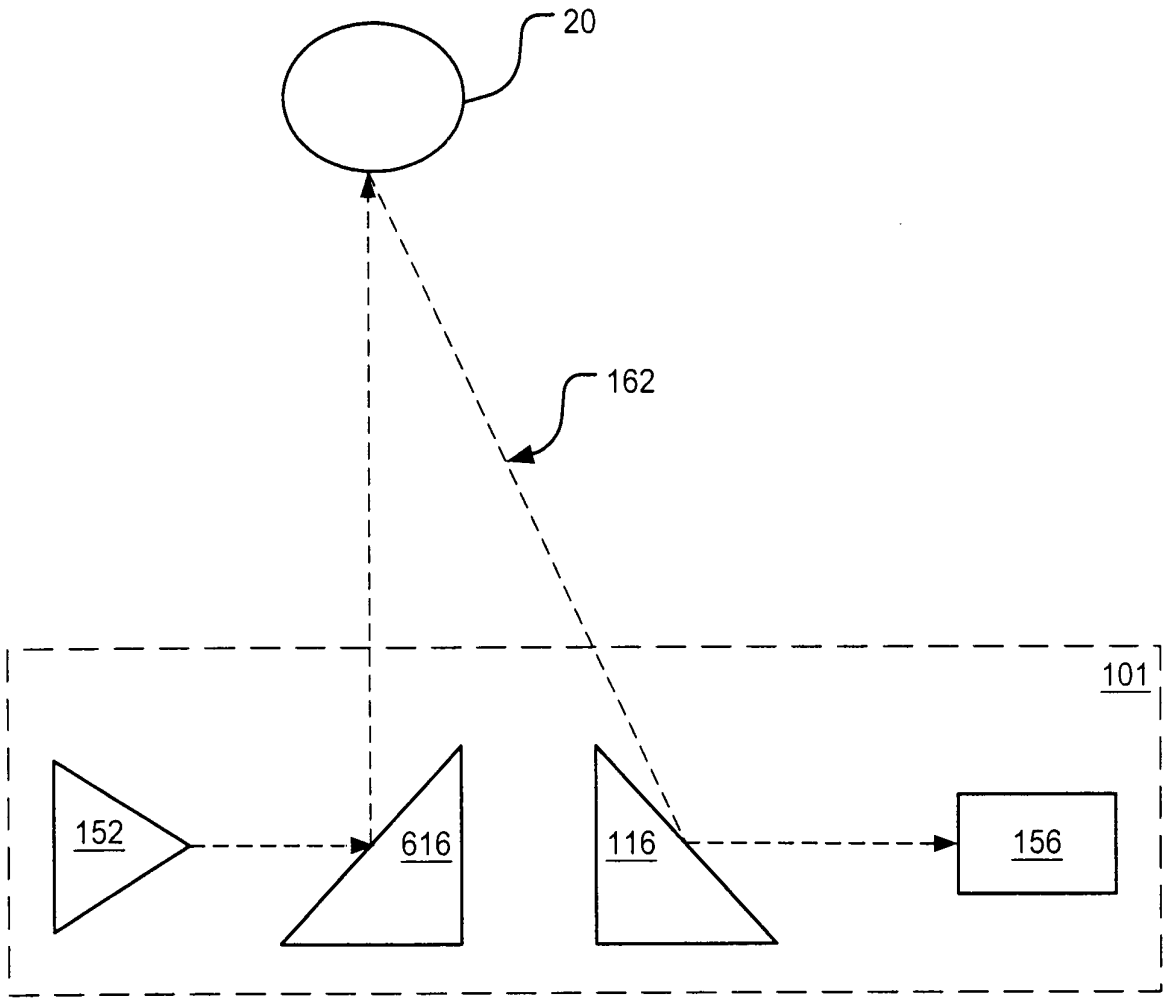

FIG. 7

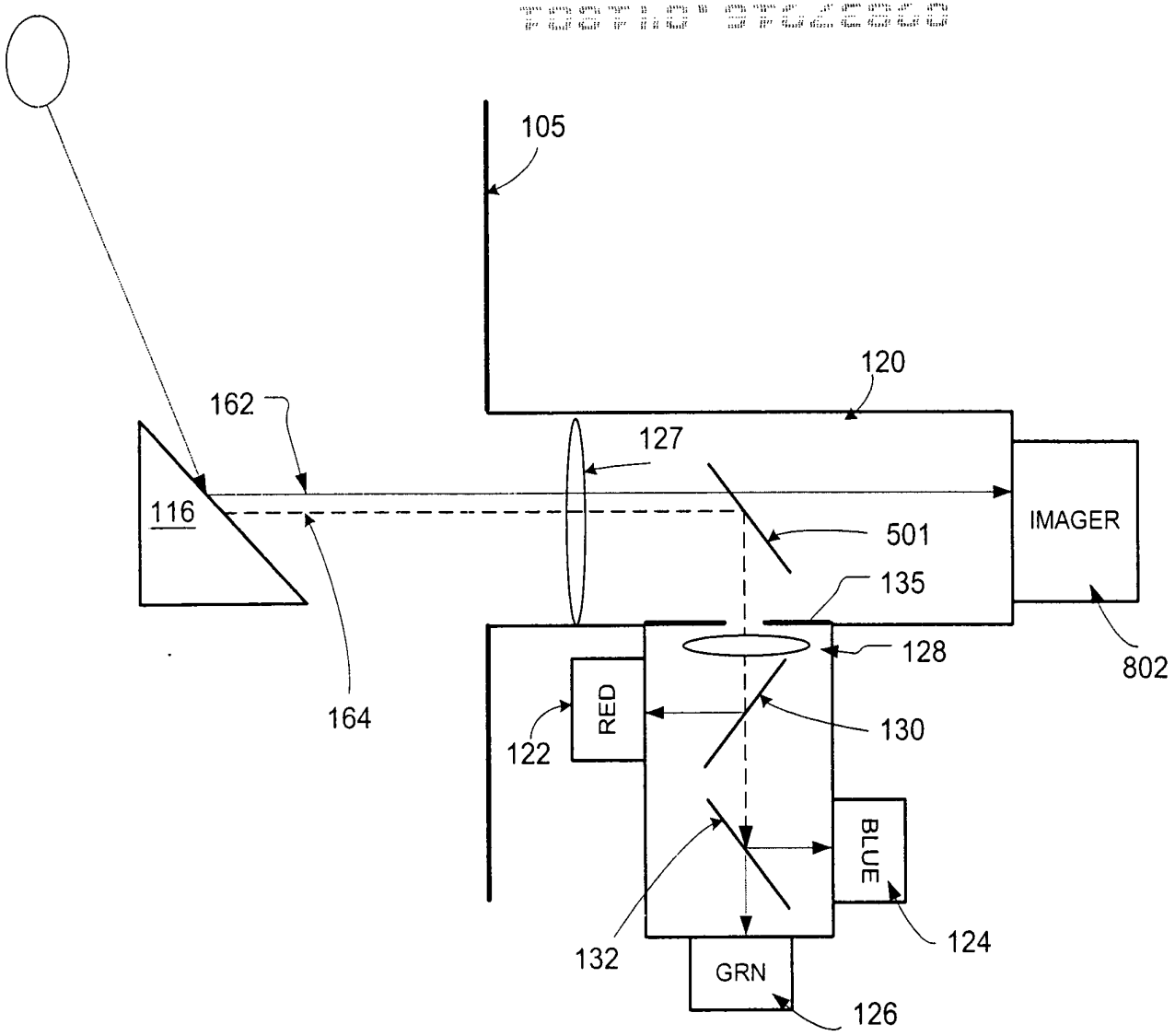
105
120
162
127
116
501
IMAGER
135
128
802
164
RED
122
130
BLUE
124
132
GRN
126

FIG. 8A

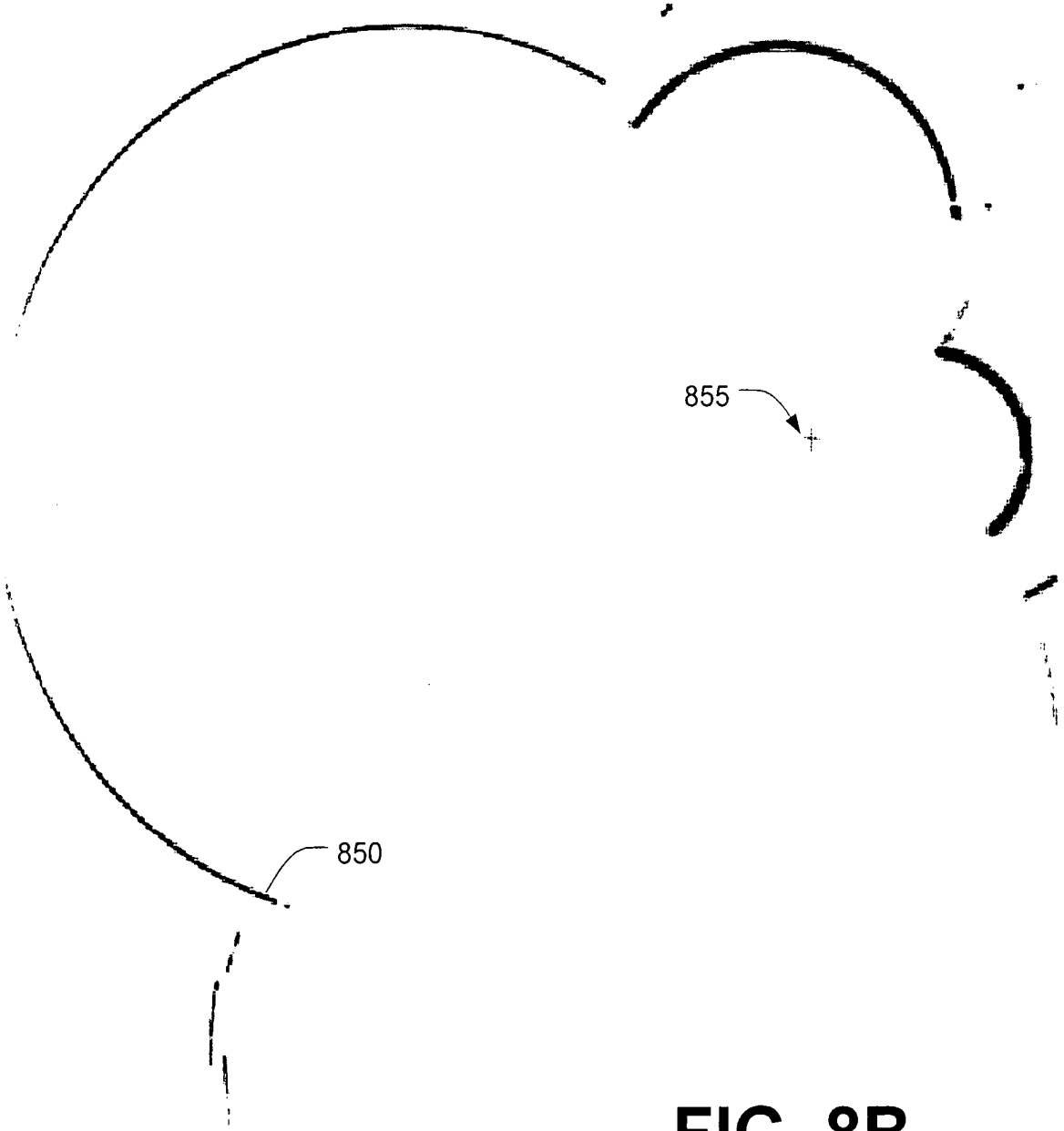

FIG. 8B

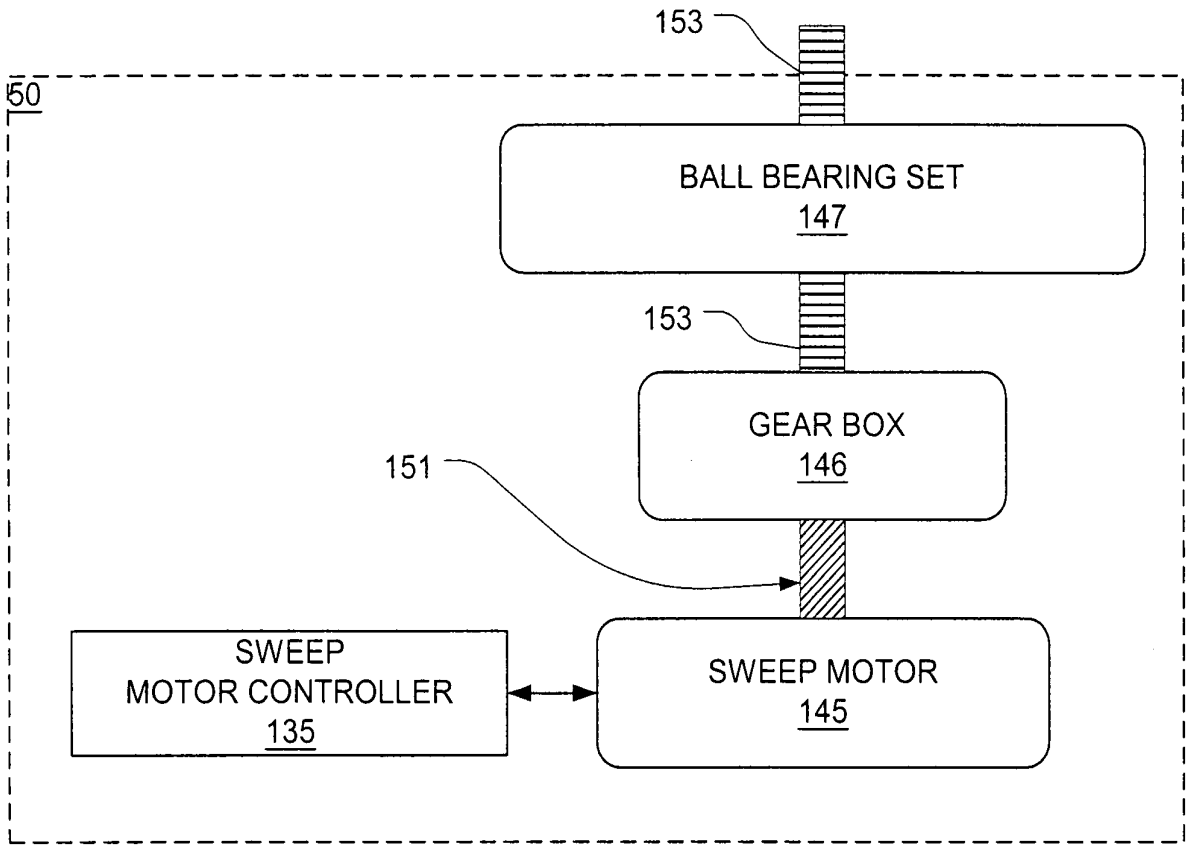
153
50
BALL BEARING SET
147
153
GEAR BOX
146
151
SWEEP
MOTOR CONTROLLER
135
SWEEP MOTOR
145

FIG. 9

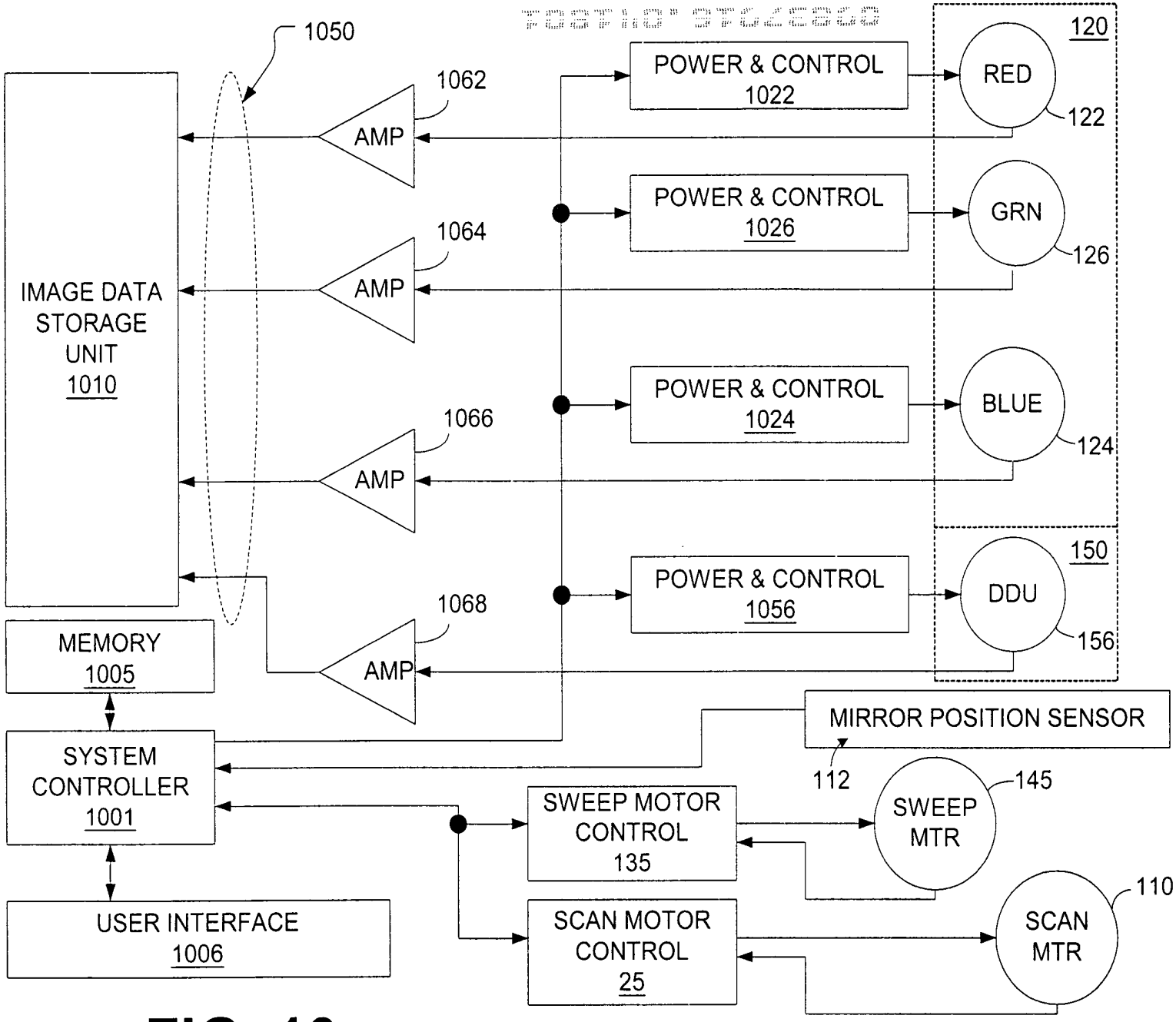
1050
1062
AMP
1064
AMP
1066
AMP
1068
AMP
IMAGE DATA STORAGE UNIT 1010
MEMORY 1005
SYSTEM CONTROLLER 1001
USER INTERFACE 1006
POWER & CONTROL 1022
POWER & CONTROL 1026
POWER & CONTROL 1024
POWER & CONTROL 1056
120
RED
122
GRN
126
BLUE
124
150
DDU
156
1000
MIRROR POSITION SENSOR
112
SWEEP MOTOR CONTROL 135
SWEEP MTR
145
SCAN MOTOR CONTROL 25
SCAN MTR
110

FIG. 10

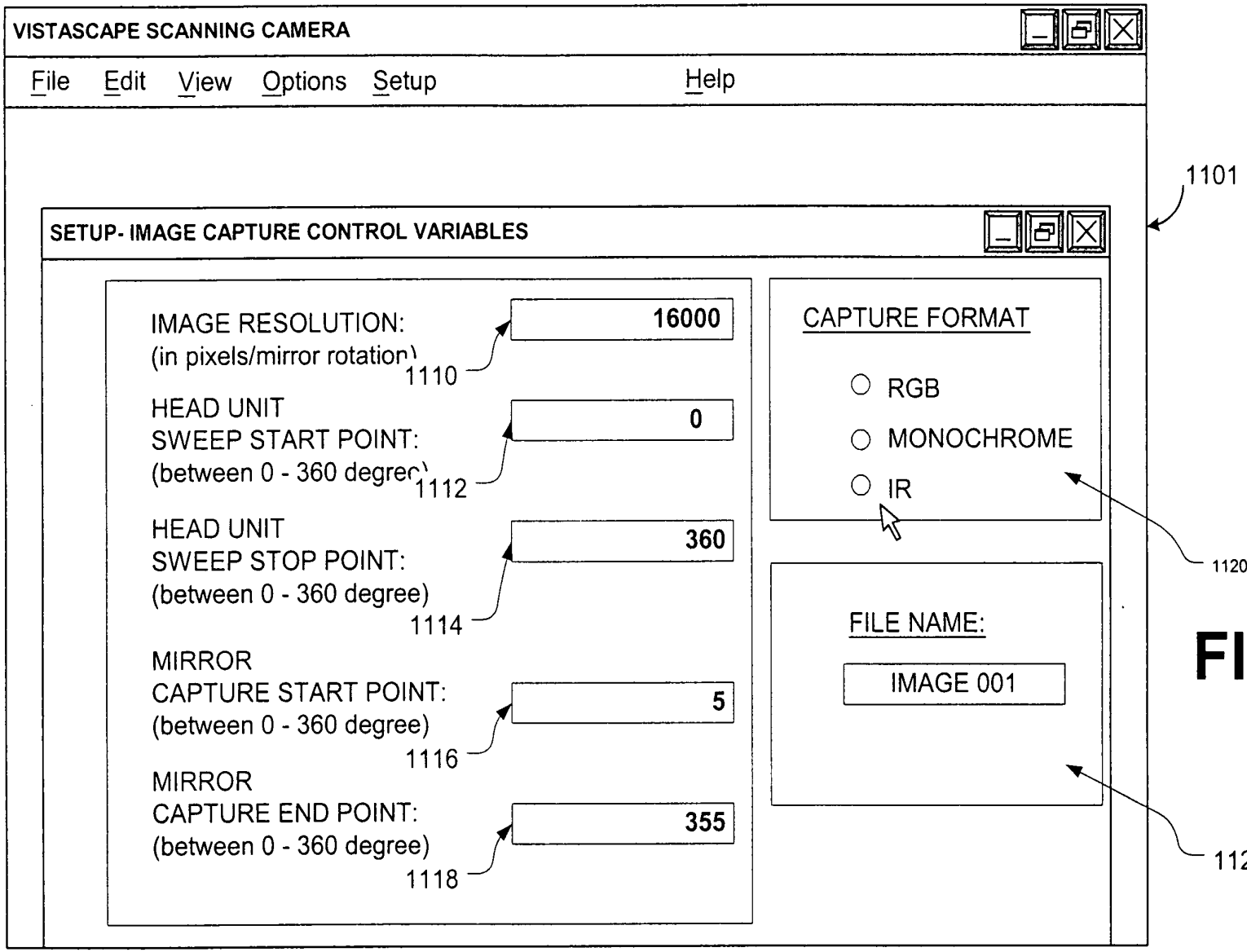
VISTASCAPE SCANNING CAMERA
File Edit View Options Setup Help
1101
SETUP- IMAGE CAPTURE CONTROL VARIABLES
IMAGE RESOLUTION:
(in pixels/mirror rotation)
16000
1110
HEAD UNIT
SWEEP START POINT:
(between 0 - 360 degree)
0
1112
HEAD UNIT
SWEEP STOP POINT:
(between 0 - 360 degree)
360
1114
MIRROR
CAPTURE START POINT:
(between 0 - 360 degree)
5
1116
MIRROR
CAPTURE END POINT:
(between 0 - 360 degree)
355
1118
CAPTURE FORMAT
RGB
MONOCHROME
IR
1120
FILE NAME:
IMAGE 001
1122

FIG. 11

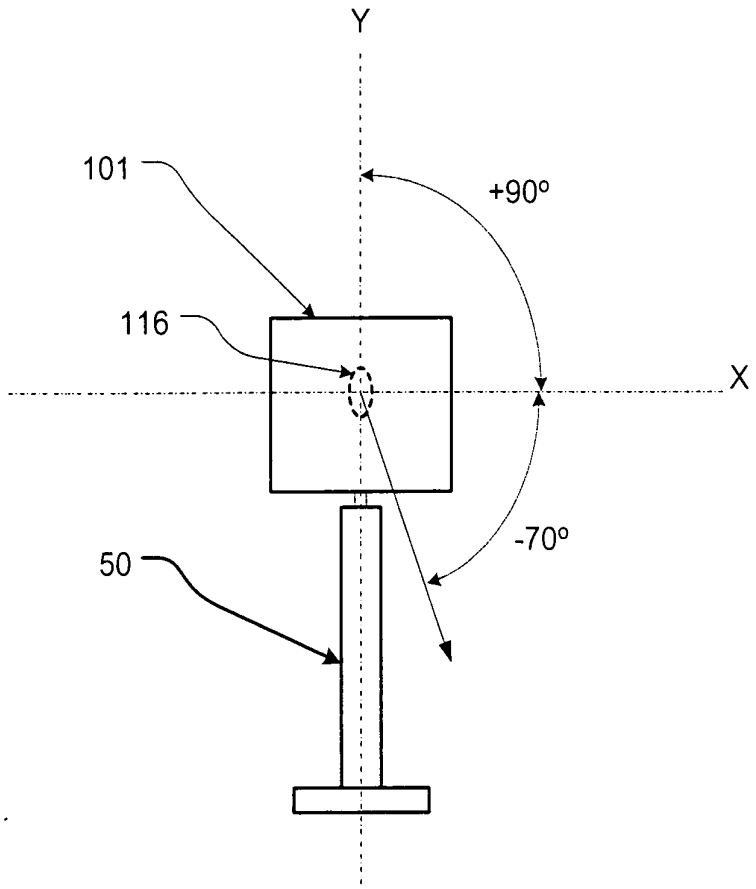

FIG. 12A

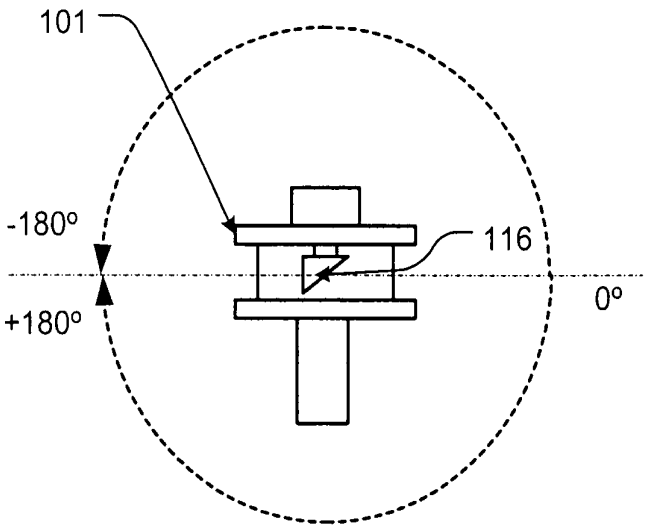

FIG. 12B

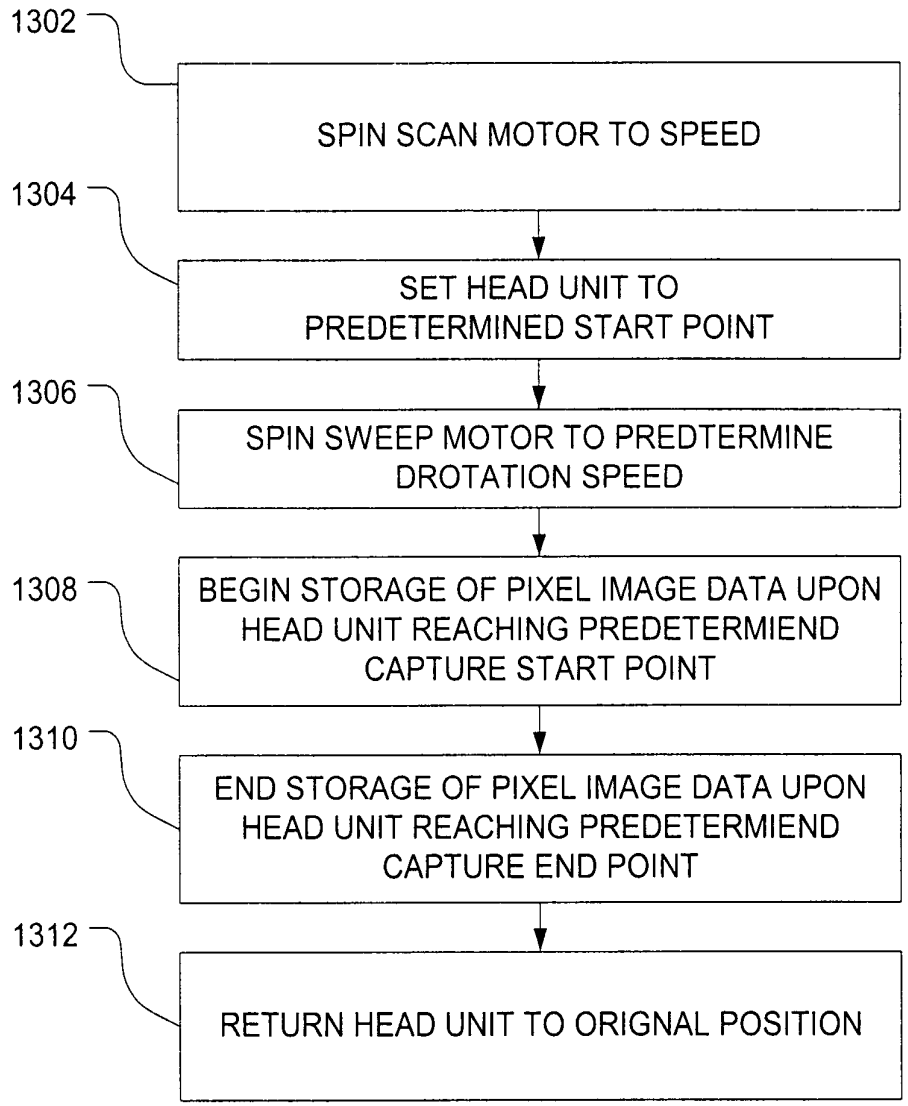
1302
SPIN SCAN MOTOR TO SPEED
1304
SET HEAD UNIT TO PREDETERMINED START POINT
1306
SPIN SWEEP MOTOR TO PREDTERMINE DROTATION SPEED
1308
BEGIN STORAGE OF PIXEL IMAGE DATA UPON HEAD UNIT REACHING PREDETERMIEND CAPTURE START POINT
1310
END STORAGE OF PIXEL IMAGE DATA UPON HEAD UNIT REACHING PREDETERMIEND CAPTURE END POINT
1312
RETURN HEAD UNIT TO ORIGNAL POSITION

FIG. 13